



U.S. Department  
of Transportation

Research and  
Special Programs  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

**FEB 15 2005**

DOT-E 4850  
(FOURTEENTH REVISION)

EXPIRATION DATE: January 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Dyno Nobel, Inc.  
Salt Lake City, UT

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of limited quantities of certain approved explosive articles re-classed as Division 1.4D in prescribed packaging, subject to the special provisions herein. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.56(b)(1), in that certain explosive articles already approved in a lower division may be exempted from re-examination, re-classification and re-approval as Division 1.4D articles, when shipped in limited quantities in prescribed packaging.

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5. **BASIS:** This exemption is based on the application of Dyno Nobel, Inc. dated January 11, 2005, submitted in accordance with § 107.109.
6. **HAZARDOUS MATERIALS (49 CFR § 172.101):**

| Hazardous Materials Description   |                        |                       |               |
|-----------------------------------|------------------------|-----------------------|---------------|
| Proper Shipping Name              | Hazard Class/ Division | Identification Number | Packing Group |
| Charges, shaped, flexible, linear | 1.4D                   | UN0237                | II            |
| Cord, detonating, mild effect     | 1.4D                   | UN0104                | II            |

7. **SAFETY CONTROL MEASURES:**

a. The Cord, detonating, mild effect and/or Charges, shaped, flexible, linear authorized under this exemption must not contain more than 10.7 grams per meter (50 grains per foot) of explosive substances and must not exceed 30.5 meters (100 feet) in any one outer package.

b. The Cord, detonating, mild effect must be packaged according to § 173.62(b), Packing Method E-139. The Charges, shaped, flexible, linear must be packaged according to § 173.62(b) Packing Method E-138.

8. **SPECIAL PROVISIONS:**

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. **MARKING** - The lettering "DOT-E-4850" must appear on the outer package in at least the same print size as the markings required by § 172 Subpart D.

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9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo aircraft only.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

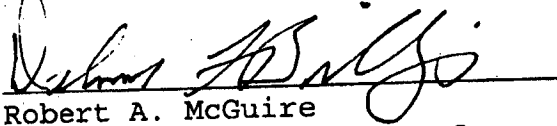
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this exemption are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this

exemption must notify the Associate Administrator for Hazardous Materials Safety -- OHMEA, in writing, of any incident involving a package, shipment or operation conducted under terms of this exemption.

Issued in Washington, D.C.:

  
Robert A. McGuire

Associate Administrator for  
Hazardous Materials Safety

**FEB 15 2005**

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

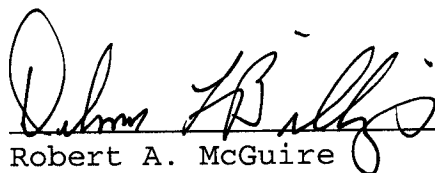
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: Watson/alb

**MAR 29 2005**

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

| Company Name<br>City/State   | Application<br>Date | Issue<br>Date      | Expiration<br>Date |
|--|---------------------|--------------------|--------------------|
| Accurate Energetic<br>Systems, LLC<br>McEwen, TN   | Feb 10,<br>2005     | Mar 1,<br>2005     | Jan 31,<br>2007    |
| Ensign-Bickford<br>Aerospace & Defense<br>Company<br>Simsbury, CT                          | Jan 20,<br>2005     | Feb 15,<br>2005    | Jan 31,<br>2007    |
| Halliburton Energy<br>Services, Inc.<br>Duncan, OK   | Mar 9, 2005         | <b>MAR 29 2005</b> | Jan 31,<br>2007    |
| Honeywell International<br>Inc.<br>Morristown, NJ  | Oct 28,<br>2004     | Feb 15,<br>2005    | Jan 31,<br>2007    |
| Lockheed Martin Space<br>Systems Company<br>Space & Strategic<br>Missiles<br>Sunnyvale, CA | Jan 5, 2005         | Mar 15,<br>2005    | Jan 31,<br>2007    |
| Owen Oil Tools LP<br>Godley, TX  | Nov 30,<br>2004     | Feb 15,<br>2005    | Jan 31,<br>2007    |
| Schlumberger Reservoir<br>Completions<br>Rosharon, TX                                      | Dec 10,<br>2004     | Feb 15,<br>2005    | Jan 31,<br>2007    |
| U.S. Department of<br>Defense (DOD)<br>Fort Eustis, VA                                     | Jan 10,<br>2005     | Feb 15,<br>2005    | Jan 31,<br>2007    |

  
Robert A. McGuire

for  
Associate Administrator for  
Hazardous Materials Safety